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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/837,298	04/19/2001	In Soo Kim	P-215	9592

34610 7590 10/07/2005

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CHANTILLY, VA 20153

EXAMINER

KNOWLIN, THUAN P

ART UNIT	PAPER NUMBER
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2642

DATE MAILED: 10/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/837,298

Applicant(s)

KIM, IN SOO

Examiner

Thjuan P. Knowlin

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5,7,9-13,16 and 18-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5,7,9-13,16 and 18-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 December 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's amendment filed on July 07, 2005 has been entered. Claims 1, 2, 4, 5, 10, 11, 12, 13, 18, 19, and 20 have been amended. Claims 6, 8, 14, 15, and 17 have been cancelled. Claims 21-25 have been added. Claims 1-5, 7, 9-13, 16, and 18-25 are now pending in this application, with claims 1, 10, and 18 being independent.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-5, 7, 9-13, 16, and 18-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dunn et al (US 6,463,144), in view of Farris (US 5,692,033).
3. In regards to claims 1, 10, 18, 21, 22, and 23, Dunn discloses a method for identifying a calling party number of a switching system comprising: checking whether a termination subscriber has registered for a calling party number call-back service when a call set-up is requested; storing a calling party number of an origination subscriber (e.g. calling party/originator) if the termination subscriber (e.g. called party/terminating user) has registered for the calling party number call-back service (See col. 6 lines 1-12); announcing (e.g. voice message) the stored calling party number to the termination

subscriber if a calling party number confirming request is received from the termination subscriber (See col. 6 lines 13-20). Dunn, however, does not disclose wherein storing the calling party number comprises: comparing an area code of the calling party number with an area code of the termination subscriber; and storing the calling party number exclusive of the area code if the two area codes are identical to each other, and storing both the area code and the corresponding calling party number if the two area codes are different from each other. Farris, however, does disclose wherein storing the calling party number comprises: comparing an area code (e.g. collected dialed digits) of the calling party number with an area code (e.g. stored password) of the termination subscriber; and storing the calling party number exclusive of the area code if the two area codes are identical to each other, and storing both the area code and the corresponding calling party number if the two area codes are different from each other (See col. 13-14 lines 50-4). Therefore, it would have been obvious for one of ordinary skill in the art at the time of the invention to employ these features within the method, as a way of providing a call-back service to a called party, in which, the calling party is sending an intra-office call from a single station.

4. In regards to claims 2 and 11, Dunn discloses of the claims 2 and 11 limitations, except the method, wherein identifying a calling party number comprises: requesting the calling party number from the origination processing unit if the requested call is an intra-office call; checking whether a switching system of an intra-office is a single station when the calling party number is informed; and storing the calling party number informed by the origination processing unit in a data base if the switching system of an

intra-office is single station. Farris, however, does disclose the method, wherein identifying a calling party number comprises: requesting the calling party number from the origination processing unit if the requested call is an intra-office call; checking whether a switching system of an intra-office is a single station when the calling party number is informed; and storing the calling party number informed by the origination processing unit in a data base if the switching system of an intra-office is single station (See col. 7 lines 29-41 and col. 11 lines 57-63).

5. In regards to claim 3, Dunn discloses all of claim 3 limitations, except the method, wherein the calling party number is not stored if a terminal of the termination subscriber is busy. Farris, however, does disclose the method, wherein the calling party number is not stored if a terminal of the termination subscriber is busy (See col. 7 lines 50-58 and col. 9 lines 32-37).

6. In regards to claim 4, 5, 12, 13, 19, and 20, Dunn discloses all of claims 4, 5, 12, 13, 19, and 20 limitations, except the method, wherein storing the calling party number comprises: requesting a calling party number from the origination processing unit if the requested call is an intra-office call; checking whether a switching system of the intra-office is a multi-station when the calling party number is informed; comparing an area code of the calling party number informed by the origination processing unit and an area code of its own office if the switching system of the intra-office is a multi-station; and storing only the calling party number if the two area codes are identical to each other, and storing both the area code and the calling party number if the two area codes are different to each other. Farris, however, does disclose the method, wherein storing the

calling party number comprises: requesting a calling party number from the origination processing unit if the requested call is an intra-office call; checking whether a switching system of the intra-office is a multi-station when the calling party number is informed (See col. 7 lines 29-41 and col. 11 lines 57-63); comparing an area code of the calling party number informed by the origination processing unit and an area code of its own office if the switching system of the intra-office is a multi-station; and storing only the calling party number if the two area codes are identical to each other, and storing both the area code and the calling party number if the two area codes are different to each other (See col. 13-14 lines 50-4).

7. In regards to claim 7, Dunn discloses the method, wherein the predetermined form refers to a voice announcement or a display form (See col. 6 lines 28-32).

8. In regards to claims 9 and 16, Dunn discloses the method, wherein the calling party number includes a plurality of calling party numbers, which are displayed on a display unit, each calling party number being assigned with a number sequentially (See col. 6 lines 7-13).

9. In regards to claims 24 and 25, Dunn discloses the method, wherein announcing the calling party number comprises: sensing input of a code (e.g. user ID/telephone number) from the termination subscriber; checking whether the sensed code is a code for confirming the calling party number; announcing (announcement to POTS phones or voice mail) the calling party number of the origination subscriber stored in the memory in a predetermined form to the termination subscriber if the sensed code is a calling party number confirmation code (See col. 6 lines 21-32); and requesting the termination

subscriber select whether or not the announced calling party number is automatically called back (See col. 6 lines 40-65).

Response to Arguments

10. Applicant's arguments with respect to claims 1-5, 7, 9-13, 16, and 18-25 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thjuan P. Knowlin whose telephone number is (571) 272-7486. The examiner can normally be reached on Mon-Fri 8:30-5:00pm.

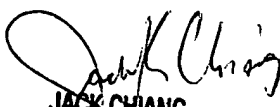
12. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

13. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Thjuan P. Knowlin


JACK CHIANG
PRIMARY EXAMINER